

CLAIMS

1. A method of manufacture, said method comprising:
 - 2 forming at least one electromagnetic shield and at least one antenna in substantial electrical current communication.
 - 2 The method of Claim 1, wherein said forming at least one electromagnetic shield and at least one antenna in substantial electrical current communication comprises:
 - 4 spacing the at least one electromagnetic shield apart from the at least one antenna.
 3. The method of Claim 1, wherein the at least one antenna comprises:
 - 2 a Planar Inverted F Antenna (PIFA).
 4. The method of Claim 1, wherein the at least one antenna comprises:
 - 2 a slot antenna.
 5. The method of Claim 1, wherein the at least one antenna comprises:
 - 2 a dipole antenna.
 6. The method of Claim 1, wherein said forming at least one electromagnetic shield and at least one antenna in substantial electrical current communication comprises:
 - 4 forming the at least one electromagnetic shield or the at least one antenna from a metal.

7. The method of Claim 1, wherein said forming at least one
2 electromagnetic shield and at least one antenna in substantial electrical current
communication comprises:

4 forming the at least one electromagnetic shield or the at least one antenna
from a conductive material.

8. The method of Claim 1, wherein said forming at least one
2 electromagnetic shield and at least one antenna in substantial electrical current
communication comprises:

4 punching the at least one electromagnetic shield or the at least one antenna
from a sheet of conductive material.

9. The method of Claim 1, wherein said forming at least one
2 electromagnetic shield and at least one antenna in substantial electrical current
communication comprises:

4 stamping the at least one electromagnetic shield or the at least one antenna
from a sheet of conductive material.

10. The method of Claim 1, wherein said forming at least one
2 electromagnetic shield and at least one antenna in substantial electrical current
communication comprises:

4 bending a piece of conductive material.

11. The method of Claim 1, wherein said forming at least one
2 electromagnetic shield and at least one antenna in substantial electrical current
communication comprises:

4 injection molding the at least one electromagnetic shield and the at least one antenna.

14. The method of Claim 13, wherein said placing the at least one
2 electromagnetic shield and the at least one antenna in proximity to an
electromagnetic source or sink further comprises:

15. The method of Claim 13, wherein said placing the at least one
2 electromagnetic shield and the at least one antenna in proximity to an
electromagnetic source or sink further comprises:

4 placing the at least one electromagnetic shield and the at least one antenna in
proximity to electrical circuitry selected from an electrical-circuitry group including
6 but not limited to electrical circuitry having at least one discrete electrical circuit,
electrical circuitry having at least one integrated circuit, electrical circuitry having at
8 least one application specific integrated circuit, electrical circuitry forming a general
purpose computing device configured by a computer program, electrical circuitry
10 forming a memory device, electrical circuitry forming a transmitter, electrical

12 circuitry forming a receiver, and electrical circuitry forming a communications device.

16. The method of Claim 15, wherein the electrical circuitry comprises:

2 a printed circuit board having the electrical circuitry.

17. A system comprising:

2 at least one electromagnetic shield and at least one antenna formed in substantial electrical current communication.

18. The system of Claim 17, wherein said at least one electromagnetic shield and at least one antenna formed in substantial electrical current communication comprises:

4 a spacer between the at least one electromagnetic shield and the at least one antenna.

19. The system of Claim 17, wherein the at least one antenna comprises:
2 a Planar Inverted F Antenna (PIFA).

20. The system of Claim 17, wherein the at least one antenna comprises:
2 a slot antenna.

21. The system of Claim 17, wherein the at least one antenna comprises:
2 a dipole antenna.

22. The system of Claim 17, wherein said at least one electromagnetic shield and at least one antenna formed in substantial electrical current communication comprises:

4 said at least one electromagnetic shield or at least one antenna formed from a metal.

23. The system of Claim 17, wherein said at least one electromagnetic
2 shield and at least one antenna formed in substantial electrical current communication comprises:

4 said at least one electromagnetic shield or at least one antenna formed from a conductive material.

24. The system of Claim 17, further comprising:
2 the at least one electromagnetic shield and the at least one antenna in proximity to an electromagnetic source.

25. The system of Claim 24, wherein the at least one electromagnetic
2 shield and the at least one antenna in proximity to an electromagnetic source comprises:

4 an antenna feed of the at least one antenna in electrical communication with an antenna feed connection of a printed circuit board.

26. The system of Claim 24, wherein the at least one electromagnetic
2 shield and the at least one antenna in proximity to an electromagnetic source comprises:

4 the at least one electromagnetic shield and the at least one antenna in proximity to electrical circuitry selected from an electrical-circuitry group including
6 but not limited to electrical circuitry having at least one discrete electrical circuit, electrical circuitry having at least one integrated circuit, electrical circuitry having at
8 least one application specific integrated circuit, electrical circuitry forming a general

purpose computing device configured by a computer program, electrical circuitry
10 forming a memory device, electrical circuitry forming a transmitter, electrical
circuitry forming a receiver, and electrical circuitry forming a communications
12 device.

27. The system of Claim 26, wherein the electrical circuitry comprises:

2 a printed circuit board having the electrical circuitry.

28. A wireless device comprising:

2 at least one electromagnetic shield and at least one antenna formed in
substantial electrical current communication.

29. The wireless device of Claim 28, wherein said at least one
2 electromagnetic shield and at least one antenna formed in substantial electrical
current communication comprises:

4 a spacer between the at least one electromagnetic shield and the at least one
antenna.

30. The wireless device of Claim 28, further comprising:

2 said wireless device selected from the wireless-device group including but
not limited to at least one cellular-enabled wireless device, at least one TDMA-
4 enabled wireless device, at least one CDMA-enabled wireless device, at least one
GPS-enabled wireless device, and at least one email-enabled wireless device.